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¹ EM-1110-2-1906

² Includes Dredging, Excavation, Transport, Residuals Management, Process Design

³ Includes Potential Residual Cover, Backfill, In-Situ Treatment / Amendment, RCM, Engineered Cap Design

Data Needs	Testing Standard		Remedial Design Component	
	ASTM	COE ¹	Dredgeability ²	Potential Cover / Cap ³
Hydrodynamic Modeling for Erosion Analyses				*
Establish Design Storm recurrence intervals				*
Bathymetry scenarios				*
Water level, tides, SLR				*
River inflow				*
Bottom roughness				*
Windspeed and direction				*
Wave regime				*
Bottom currents				*
Vessel Scour				*
Propwash modeling				*
Grounding / anchor drag characterization				*
Ice Scour				*
Ice scour mechanism characterization				*
Contaminant Release Mechanisms				*
Advection				*
Diffusion				*
Gas ebullition				*
Bioturbation				*
Contaminant Transformation				*
Degradation by natural processes				*
Sorption / reaction capacity of active material				*
Groundwater flux				*
Benthic Flux Chamber				*
Pore Water Probe				*
Physical Stability				*
Bearing Capacity				*
Slope Stability				*
Consolidation				*
Other				
Dredging Elutriate Test			*	
Hydrogen Sulfide (H ₂ S)			*	
STFATE / LTFATE (LHCC CAP)				*
Biofouling				*
Ecological Function / Habitat Goals				*
Imported Material Sources				*

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